

IN THE CLAIMS:

1. (Cancelled)
2. (Cancelled)
3. (Cancelled)
4. (Cancelled)
5. (Cancelled)
6. (Cancelled)

7. (New) A motor production line for producing at least a stator for a motor, comprising:

a press station for forming a stator core by feeding an elongated steel plate through a plurality of punch operations to obtain a plurality of steel plates and for laminating the plurality of steel plates together to form a stator core;

a stator assembling station for assembling a stator by passing the stator core through a plurality of production steps; and

a stator core conveyer between the stator assembling station and the press station to successively and directly convey the stator cores formed at the press station to the stator assembling station.

8. (New) A motor production line according to claim 7, wherein said press station comprises a punch press for cutting the steel plates for both stator cores and rotor cores and apparatus for laminating pluralities of the cut steel plates into rotor cores and stator cores, and wherein the motor production line further comprises:

a rotor assembling station for assembling a rotor by passing the rotor core through a plurality of production steps; and

a rotor core conveyer arranged between the rotor assembling station and the press station to successively and directly convey the rotors formed at the press station to the rotor assembling station.

9. (New) A motor production line according to claim 8, wherein the motor production line further comprises a central control unit for controlling apparatus in the press station, apparatus in the stator assembling station, apparatus in the rotor assembling station, the stator core conveyer and the rotor core conveyer.

10. (New) A motor production line according to claim 8, wherein the rotor core conveyer and the stator core conveyer are linked together as a single common conveyer.

11. (New) A motor production line according to claim 8, further comprising a rotor delivery line for delivering the rotors assembled at the rotor assembling station and a stator delivery line for delivering the stators assembled at the stator assembling station, to a common delivery line where rotors and stators are delivered and paired for incorporation into a motor.

12. (New) A motor production line according to claim 11, wherein the motor production line further comprises a central control unit for controlling apparatus in the press station,

apparatus in the stator assembling station, apparatus in the rotor assembling station, the stator core conveyer and the rotor core conveyer.

13. (New) A motor production line according to claim 11, wherein the rotor core conveyer and the stator core conveyer are linked together as a single common constituted conveyer.

14. (New) A method of controlling a motor production line including a press station for forming a rotor core and a stator core by feeding a long steel plate through a plurality of punch press operations to form pluralities of steel plates and by laminating the pluralities of steel plates into rotor cores and stator cores, respectively, a rotor assembling station for assembling a rotor by passing the rotor core through a plurality of production steps, and a stator assembling station for assembling a stator by passing the stator core through a plurality of production steps, the method of controlling the motor production line comprising:

accepting a production instruction inclusive of data related to a number N of motors to be produced;

starting the operations of apparatus at the press station, the rotor assembling station and the stator assembling station, responsive to acceptance of the production instruction; and

halting the operation of the apparatus at the press station depending upon the production conditions in the rotor assembling station and the stator assembling station; wherein

if the number of the finished rotors assembled at the rotor assembling station is denoted as R_1 , the number of the half assembled rotors as R_2 , the number of the finished stators assembled by the stator assembling station as S_1 and the number of the half assembled stators at S_2 , then, said halting of operations at the press station is halted by a central controller when $N \leq R_1 + R_2$ and $N \leq S_1 + S_2$.